

Product Evaluation Agreements (PEAs)

The USAF School of Aerospace Medicine, Det 1, Dental Evaluation and Consultation Service (DECS) has entered into a series of Product Evaluation Agreements with a variety of dental equipment and services companies to evaluate products and or services provided by these companies for the dental services industry. The unique special purpose Memorandum of Agreement for product evaluation establishes a collaborative relationship with each company under which DECS is able to secure and evaluate products provided by the company at no cost. Evaluation results are posted to a DECS website. Once a product has been evaluated and approved, it may be procured for use across the USAF dental services. DECS was established by USAFSAM to solve relevant military-related dental operational problems and to evaluate dental methods, techniques, procedures, equipment, and materials.

Example of some products being evaluated include:

Dental Imaging Consultants, LLC: Dental Digital Quality Assurance (DDQA) Phantom.

The DDQA Phantom provides users with a unique comprehensive radiographic test object designed for routine reproducible performance evaluation of digital intra-oral radiographic imaging systems. The phantom incorporates three components – each designed to evaluate one aspect of digital intra-oral image quality. Image quality parameters that can be evaluated with a single x-ray exposure include: dynamic range, low contrast resolution, and line pair resolution,

DENTSPLY International, Inc.: New Midwest RDH Hygienist Handpiece is a lightweight, ergonomically-designed handpiece specifically for use by hygienists. It features contoured shape for a natural, comfortable grip; smooth, easy swivel for excellent maneuverability, non-slip grip surface for control; one-piece construction for simple maintenance; smooth, consistent operation; and a choice of styles, either autoclavable prophylaxis angle or handpiece for disposable angles.

NPH USA, INC.: NPH GSY-03D Super Torque Disposable High-Speed Handpiece.

New disposable NPH single use high speed turbines are considered to be the safest available due to virtual elimination of patient cross contamination. In addition, there are no maintenance, lubrication, or sterilization requirements as they are all single use, disposable items.

PLANMECA USA, INC.: Planmeca ProMax 3D Max CBVT, one unit and associated software, computer hardware, peripherals, and accessories.

GC AMERICA, INC.: Fujirock EP and Coecal for performing model fabrication procedures.

ALFA MEDICAL EQUIPMENT SPECIALISTS, INC.: All American 1925X non-electric pressure steam sterilizer: This 25-quart non-electric sterilizer measures 19" x 15" and has a chamber size of 11" (diameter) x 10" (depth). It requires an independent heat source such as a hot plate or stove. Clamping locks prevent removal of cover while pressure is present and other safety features—such as an over-pressure safety plug and cool bakelite handle – are thoroughly tested to ensure that the unit can be safely operated with a minimum of attention. The unit weighs 25 pounds.